

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	("4346419" "5048914" "5409403" "5580261" "5984687" "6435917" "6439932" "6528746").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 11:27
S2	803	307/147.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:56
S3	160659	(plug socket) with (engage engagement engaged)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:56
S4	16129	S3 and coaxial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S5	5274	S4 and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:59
S7	279	S5 and (plug with socket) same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S8	124	S7 and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 12:01
S9	32	S8 and diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:17

## EAST Search History

S10	526084	(plug socket switch).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S11	160659	(plug socket) with (engage engagement engaged)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S12	16129	S11 and coaxial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S13	5274	S12 and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S14	279	S13 and (plug with socket) same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S16	2758	S10 and (plug with socket) same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S17	71	S16 and coaxial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:18
S18	6	("4358135"   "5475428"   "5475441"   "5477264"   "5493335"   "5530296").PN. OR ("5949160").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/24 13:25
S19	14	("3475569"   "3496500"   "3649839"   "4549783"   "4591732"   "4644179"   "4816792").PN. OR ("5048914").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/24 13:30

## EAST Search History

S20	2	("6,000,192").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 14:49
S21	22	("20040132337" "20050070141" "4346419" "5048914" "5409403" "5580261" "5949160" "5984687" "6435917" "6439932" "6528746").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 17:59
S22	814	307/147.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/13 18:09
S23	15608	plug with socket with contacts	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:15
S24	97	S23 same diode same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:17
S25	50301	key with contacts	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:15
S26	1275	S25 same diode same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:15
S27	15608	S23 same (Engage engaged engagement insert inserted contact contacted connect connected connection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:17

## EAST Search History

S28	12810	S23 same (Engage engaged engagement insert inserted connect connected connection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:26
S29	950	S28 and (isolate isolated isolation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 09:08
S30	123	S29 and (diode and switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:19
S31	0	("2005/0070141").URPN.	USPAT	OR	OFF	2006/07/13 18:21
S32	17	("3508188"   "4676574"   "4997384"   "5048914"   "5131464"   "5203805"   "5334032"   "5334801"   "5358418"   "5389003"   "5484296"   "5820416"   "5823806"   "6123561"   "6392317"   "6511335").PN. OR ("6902414").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/13 18:28
S33	2168	((plug with socket) or (male with female)) same (contacts connection connected) same ((fully completely) with (engaged connected))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:33
S34	994	S33 and (disconnect disconnected switch switched switching)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:29
S35	24	("4835737"   "4850892"   "5272584"   "5310998"   "5317697"   "5369593"   "5376831"   "5383081"   "5384492"   "5463261"   "5530302"   "5530810"   "5548712"   "5568610"   "5572395"   "5584030"   "5589719"   "5589791"   "5604873"   "5625238"   "5714809"   "5764926").PN. OR ("6192435").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/14 15:05
S36	0	("2004/0132337").URPN.	USPAT	OR	OFF	2006/07/14 15:06

## EAST Search History

S37	113354	key same contacts	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:26
S38	580	S37 and hazardous and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:27
S39	392390	((fully completely full complete) with (engaged connected inserted))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:35
S40	128120	S39 and (key (male same female) plug socket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:35
S41	304592	((fully completely complete) with (engaged connected inserted))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:35
S42	104812	S41 and (key (male same female) plug socket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:37
S43	44727	S42 and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:35
S44	7545	S43 and diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 17:35

## EAST Search History

S45	38978	S41 same (key (male same female) plug socket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 09:06
S46	5314	S45 same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 18:24
S47	2219	S46 same (disconnect switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/14 18:24
S48	0	("2006/0110103").URPN.	USPAT	OR	OFF	2006/07/14 18:28
S49	0	("2003/0122428").URPN.	USPAT	OR	OFF	2006/07/14 18:31
S50	304603	((fully completely complete) with (engaged connected inserted))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 09:07
S52	3231	S50 and coaxial with (key plug socket connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 09:08
S53	711	S52 and (isolate isolated isolation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 09:09
S54	519	S53 and (power current voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:49
S55	226703	computer with (board circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:49

## EAST Search History

S56	11328	diode same current same protect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:50
S57	3324	diode with current with protect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:56
S58	148	S55 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:50
S59	70511	plug with socket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:56
S60	7974	diode with current with (protect protection protected)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:09
S61	9	S59 same S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:58
S62	47722	male with female and (voltage power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 14:58
S63	76	S62 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:02

## EAST Search History

S65	281	(pin) same S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:03
S66	2	S65 and diode with ((male plug) and (female socket))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:10
S67	1197	S60 and diode with ((supply source) and (load))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:09
S68	25	S67 and ((male plug) and (female socket))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:10
S69	2182	307/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 17:01
S70	1163	307/116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 17:02
S71	901	307/125.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 17:02
S72	41	coaxial near3 (plug socket key) with (isolate isolated isolation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 15:28
S73	0	("2005/0052796").URPN.	USPAT	OR	OFF	2007/01/04 15:27



## EAST Search History

S74	160	coaxial same (plug socket key) with (isolate isolated isolation) not S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 15:47
S75	0	("2005/0070141").URPN.	USPAT	OR	OFF	2007/01/04 15:29
S76	25	coaxial with (plug socket key) with contact same (isolate isolated isolation) not (S72 S74)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 15:51
S77	2915	439/578-585.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 15:53
S78	299	S77 and plug same socket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 15:58
S79	4045	(Cylindrical cylinder round rounded) near3 (key plug) with contact	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 16:12
S81	45	S79 and current near4 (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 16:10
S82	194	(detect\$3 sense\$ sensing) with (key plug socket connector) with (complete\$2 full fully) near3 (engage\$4 insert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 16:15
S83	90	S82 and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/04 16:15

## EAST Search History

S84	4	("4869566"   "6293706").PN. OR ("6554490").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/04 16:20
S85	4945	IEEE1394	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:49
S86	123	IEEE1394 with plug	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:49
S87	4	("4869566"   "6293706").PN. OR ("6554490").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/11 13:57